

09/913491

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SEQUENCE LISTING

- 5 <110> GROMOLL, Jörg
NIESCHLAG, Eberhard
SIMONI, Manuela
BEHRE, Herrmann M
PEREZ, Maritza
- 10 <120> Genetic Variants of the Human FSH Receptor and the
Influence Thereof on Gametogenesis
- <130> 003235wo/JH/ml
- 15 <140>
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- 20 <170> PatentIn Ver. 2.1
- 25 <210> 1
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 Ser Glu Leu His
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20 cca att tgc aac aaa tct att tta agg caa gaa gtt gat tat atg act 163
 Pro Ile Cys Asn Lys Ser Ile Leu Arg Gln Glu Val Asp Tyr Met Thr
 5 10 15 20

25 cag act agg ggt cag aga tcc tct ctg gca gaa gac aat gag tcc agc 211
 Gln Thr Arg Gly Gln Arg Ser Ser Leu Ala Glu Asp Asn Glu Ser Ser
 25 30 35

30 tac agc aga gga ttt gac atg acg tac act gag ttt gac tat gac tta 259
 Tyr Ser Arg Gly Phe Asp Met Thr Tyr Thr Glu Phe Asp Tyr Asp Leu
 40 45 50

35 tgc aat gaa gtg gtt gac gtg acc tgc tcc cct aag cca gat gca ttc 307
 Cys Asn Glu Val Val Asp Val Thr Cys Ser Pro Lys Pro Asp Ala Phe
 55 60 65

40 aac cca tgt gaa gat atc atg ggg tac aac atc ctc aga gtc ctg ata 355
 Asn Pro Cys Glu Asp Ile Met Gly Tyr Asn Ile Leu Arg Val Leu Ile
 70 75 80

45 tgg ttt atc agc atc ctg gcc atc act ggg aac atc ata gtg cta gtg 403
 Trp Phe Ile Ser Ile Leu Ala Ile Thr Gly Asn Ile Ile Val Leu Val
 85 90 95 100

50 atc cta act acc agc caa tat aaa ctc aca gtc ccc agg ttc ctt atg 451
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 105 110 115

55 tgc aac ctg gcc ttt gct gat ctc tgc att gga atc tac ctg ctg ctc 499
 Cys Asn Leu Ala Phe Ala Asp Leu Cys Ile Gly Ile Tyr Leu Leu Leu
 120 125 130

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 135 140 145

60 att gac tgg caa act ggg gca ggc tgt gat gct gct ggc ttt ttc act 595
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09013491.13300

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5	gaa	aga	tgg	cat	acc	atc	acg	cat	gcc	atg	cag	ctg	gac	tgc	aag	gtg	691
	Glu	Arg	Trp	His	Thr	Ile	Thr	His	Ala	Met	Gln	Leu	Asp	Cys	Lys	Val	
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	Phe	Ala	Ala	Ala	Leu	Phe	Pro	Ile	Phe	Gly	Ile	Ser	Ser	Tyr	Met	Lys	
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40	atc	ttc	act	gac	ttc	ctc	tgc	atg	gca	ccc	att	tct	ttc	ttt	gcc	att	1027
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45	tct	gcc	tcc	ctc	aag	gtg	ccc	ctc	atc	act	gtg	tcc	aaa	gca	aag	att	1075
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50	ctg	ctg	gtt	ctg	ttt	cac	ccc	atc	aac	tcc	tgt	gcc	aac	ccc	ttc	ctc	1123
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60	agc	aag	tgt	ggc	tgc	tat	gaa	atg	caa	gcc	caa	att	tat	agg	aca	gaa	1219
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65	act	tca	tcc	act	gtc	cac	aac	acc	cat	cca	agg	aat	ggc	cac	tgc	tct	1267
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70	tca	gct	ccc	aga	gtc	acc	agt	ggg	tcc	act	tac	ata	ctt	gtc	cct	cta	1315
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 Ser His Leu Ala Gln Asn
 405 410

10 ttgaatgata aattcagtc ttgcctttga agggatatgtc acaaggagct gacagtgcctt 1423
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30 Asn Glu Ser Ser Tyr Ser Arg Gly Phe Asp Met Thr Tyr Thr Glu Phe
 35 40 45

35 Asp Tyr Asp Leu Cys Asn Glu Val Val Asp Val Thr Cys Ser Pro Lys
 50 55 60

40 Pro Asp Ala Phe Asn Pro Cys Glu Asp Ile Met Gly Tyr Asn Ile Leu
 65 70 75 80

45 Arg Val Leu Ile Trp Phe Ile Ser Ile Leu Ala Ile Thr Gly Asn Ile
 85 90 95

50 Ile Val Leu Val Ile Leu Thr Thr Ser Gln Tyr Lys Leu Thr Val Pro
 100 105 110

55 Arg Phe Leu Met Cys Asn Leu Ala Phe Ala Asp Leu Cys Ile Gly Ile
 115 120 125

60 Tyr Leu Leu Leu Ile Ala Ser Val Asp Ile His Thr Lys Ser Gln Tyr
 130 135 140

 His Asn Tyr Ala Ile Asp Trp Gln Thr Gly Ala Gly Cys Asp Ala Ala
 145 150 155 160

 Gly Phe Phe Thr Val Phe Ala Ser Glu Leu Ser Val Tyr Thr Leu Thr
 165 170 175

 Ala Ile Thr Leu Glu Arg Trp His Thr Ile Thr His Ala Met Gln Leu
 180 185 190

 Asp Cys Lys Val Gln Leu Arg His Ala Ala Ser Val Met Val Met Gly
 195 200 205

 Trp Ile Phe Ala Phe Ala Ala Ala Leu Phe Pro Ile Phe Gly Ile Ser
 210 215 220

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Ser Tyr Met Lys Val Ser Ile Cys Leu Pro Met Asp Ile Asp Ser Pro
 225 230 235 240
 5 Leu Ser Gln Leu Tyr Val Met Ser Leu Leu Val Leu Asn Val Leu Ala
 245 250 255
 Phe Val Val Ile Cys Gly Cys Tyr Ile His Ile Tyr Leu Thr Val Arg
 260 265 270
 10 Asn Pro Asn Ile Val Ser Ser Ser Ser Asp Thr Arg Ile Ala Lys Arg
 275 280 285
 Met Ala Met Leu Ile Phe Thr Asp Phe Leu Cys Met Ala Pro Ile Ser
 290 295 300
 15 Phe Phe Ala Ile Ser Ala Ser Leu Lys Val Pro Leu Ile Thr Val Ser
 305 310 315 320
 20 Lys Ala Lys Ile Leu Leu Val Leu Phe His Pro Ile Asn Ser Cys Ala
 325 330 335
 Asn Pro Phe Leu Tyr Ala Ile Phe Thr Lys Asn Phe Arg Arg Asp Phe
 340 345 350
 25 Phe Ile Leu Leu Ser Lys Cys Gly Cys Tyr Glu Met Gln Ala Gln Ile
 355 360 365
 Tyr Arg Thr Glu Thr Ser Ser Thr Val His Asn Thr His Pro Arg Asn
 370 375 380
 30 Gly His Cys Ser Ser Ala Pro Arg Val Thr Ser Gly Ser Thr Tyr Ile
 385 390 395 400
 35 Leu Val Pro Leu Ser His Leu Ala Gln Asn
 405 410

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